

10/539649  
TO 15 JUN 2005

**Dated:** \_\_\_\_\_

Docket No.: 20239/0201924-US0  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Patent Application of:  
Kazuhiko Oda et al.**

Application No.: Not Yet Assigned

Confirmation No.: N/A

**Filed: Concurrently Herewith**

Art Unit: N/A

For: AMORPHOUS CARBON FILM, PROCESS  
FOR PRODUCING THE SAME AND  
AMORPHOUS CARBON FILM-COATED  
MATERIAL

Examiner: Not Yet Assigned

## **INFORMATION DISCLOSURE STATEMENT (IDS)**

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

A summary/abstract translation of the non-English language documents is enclosed.

A copy of each document on the PTO/SB/08 is attached.

Application No.: Not Yet Assigned

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Docket No.: 20239/0201924-US0

Citation Nos. BA-BP are not in the English language. In accordance with 1.98(c), Applicants state:

The requirement for concise explanation of relevance of Citations BA-BP is satisfied by the attached translation of the abstract (see MPEP § 609 A(3)). Also enclosed is an English language copy of a Search Report from a foreign patent office, issued in a counterpart application.

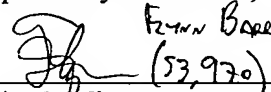
In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Commissioner is authorized to charge any deficiency of up to \$300.00 or credit any excess in this fee to Deposit Account No. 04-0100.

Dated: June 15, 2005

Respectfully submitted,

By  (53,970)  
Chris T. Mizumoto

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PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Kazuhiko Oda
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	20239/0201924-USO

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	JP-2003-027214-A	01-29-2003	Sumitomo Electric Industries, Ltd.		✓
	BB	JP-2000-128516-A	05-09-2000	Riken Corp.		✓
	BC	JP-2003-147508-A	05-21-2003	Sumitomo Electric Industries, Ltd.		✓
	BD	JP-2003-073808-A	03-12-2003	Sumitomo Electric Industries, Ltd.		✓
	BE	JP-2001-192206-A	07-12-2001	Sumitomo Electric Industries, Ltd.		✓
	BF	JP-08-283931-A	10-29-1996	Nissin Electric Co., Ltd.		✓
	BG	JP-63-004068-B2	01-09-1988	NEC Corp.		✓
	BH	JP-03-158455-A	07-08-1991	Idemitsu Petrochem Co., Ltd.		✓
	BI	JP-09-128708-A	05-16-1997	Hitachi Ltd.		✓
	BJ	JP-2000-080473-A	03-21-2000	Sanyo Electric Co., Ltd.		✓
	BK	JP-56-041372-B2	04-18-1981	Mitsubishi Metal Corp.		✓
	BL	JP-62-116767-B2	05-28-1987	Citizen Watch Co., Ltd.		✓
	BM	JP-63-262467-B2	10-28-1988	Sumitomo Electric Industries Ltd.		✓
	BN	JP-08-232067-A	09-10-1996	Hitachi Tool Eng. Ltd.		✓
	BO	JP-11-049506-A	02-23-1999	Kyocera Corp.		✓
	BP	JP-2000-087218-A	03-28-2000	Kobe Steel Ltd.		✓

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Patent Abstracts of Japan for JP2003-027214 published January 29, 2003.	
	CB	"Tribological Characteristics of Diamond-Like Carbon Coatings" by K. HOLMBERG, H. RONKAINEN et al., PB Rep, March 23, 1994, pg 24-38.	
	CC	Patent Abstracts of Japan for JP2000-128516 published May 9, 2000.	
	CD	Patent Abstracts of Japan for JP2003-147508 published May 21, 2003.	
	CE	Patent Abstracts of Japan for JP2003-073808 published March 12, 2003.	
	CF	Patent Abstracts of Japan for JP2001-192206 published July 17, 2001.	

{W:202 30)0201		Date Considered	
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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Kazuhiko Oda
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	20239/0201924-USO
Sheet	2	of	2		

	CG	Patent Abstracts of Japan for JP08-283931 published October 29, 1996.	
	CH	Patent Abstracts of Japan for JP63-004068 published January 9, 1988.	
	CI	Patent Abstracts of Japan for JP03-158455 published July 8, 1991.	
	CJ	Patent Abstracts of Japan for JP09-128708 published May 16, 1997.	
	CK	Patent Abstracts of Japan for JP2000-080473 published March 21, 2000.	
	CL	Patent Abstracts of Japan for JP56-041372 published April 18, 1981.	
	CM	Patent Abstracts of Japan for JP62-116767 published May 28, 1987.	
	CN	Patent Abstracts of Japan for JP63-262467 published October 28, 1988.	
	CO	Patent Abstracts of Japan for JP08-232067 published September 10, 1996.	
	CP	Patent Abstracts of Japan for JP11-049506 published February 23, 1999.	
	CQ	Patent Abstracts of Japan for JP2000-087218 published March 28, 2000.	
	CR	International Search Report for PCT/JP2003/002110, mailed July 15, 2003.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

W:202 30/0201		Date Considered	
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